

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| L1 | 0 | sakamoto.in. and (speaker near20 detect \$3) and microphone and "5.1" and surround | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/26 21:28 |
| L3 | 0 | sakamoto.in. and (4speaker\$1) and microphone and (surround near10 "5.1") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/26 21:30 |
| L4 | 0 | sakamoto.in. and (\$4speaker\$1) and microphone and (surround near10 "5.1") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/26 21:30 |
| L5 | 1 | ("20080240474").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/26 21:31 |
| L6 | 0 | L5 and (surround near10 "5.1") | US-PGPUB; USPAT | OR | OFF | 2009/04/26 21:31 |
| S3 | 13 | sakamoto.in. and (speaker near20 detect \$3) and microphone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/09 11:17 |
| S4 | 9 | morita.in. and (speaker near20 detect\$3) and microphone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/09 11:18 |
| S5 | 1 | nonaka.in. and (speaker near20 detect\$3) and microphone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/09 11:18 |
| S7 | 2753 | "381"/\$.cds. and (\$4speaker near20 (locat \$3 detect\$3)) and microphone\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/09 11:20 |

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|-----|------|---|--|----|-----|---------------------|
| S8 | 1330 | "381"/\$.ccls. and (\$4speaker near20 (locat \$3 detect\$3)) near20 microphone\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/09 11:21 |
| S9 | 25 | "381"/\$.ccls. and (\$4speaker near20 (locat \$3 detect\$3)) near20 microphone\$1 and (allocat\$ near20 output) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/09 11:21 |
| S10 | 4 | ("4638287" "4965833" "6363156" "6535609").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/09 11:23 |
| S11 | 15 | maeda.in., and channel near20 arrang\$3 near20 device | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/11 11:22 |
| S12 | 15 | maeda.in. and channel near20 arrang\$3 near20 device | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/11 11:22 |
| S13 | 26 | pioneer.AS. and (speaker near20 detect\$3) and microphone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/11 11:32 |
| S14 | 1448 | (381/300-309).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/11 15:26 |
| S15 | 80 | "381"/\$.ccls. and "381"/\$.ccls. and (\$4speaker near20 (locat\$3 detect \$3)) near20 (chang\$2 different) near20 (sensor \$1 microphone\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/11 15:27 |
| S16 | 80 | "381"/\$.ccls. and (\$4speaker near20 (locat \$3 detect\$3)) near20 (chang\$2 different) near20 (sensor\$1 microphone\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/11 15:27 |

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| S17 | 439 | (381/59).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/14 13:43 |
| S18 | 3 | ("5771297" "5815580" "5953431").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/14 14:05 |
| S19 | 1683 | (381/56-58).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/14 14:17 |
| S20 | 12 | "381"/\$.cls. and (chang \$3 modify\$3 alter\$3) near10 (allot\$3 grant\$3 portion\$3 distribut\$3 allocat\$3) near10 output near10 signals | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/14 14:44 |
| S21 | 8 | "381"/\$.cls. and (allot\$3 grant\$3 portion\$3 distribut\$3 allocat\$3) near20 output near20 signals near20 (center near5 \$4speaker) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/14 15:47 |
| S22 | 96 | "381"/\$.cls. and ((allot \$3 grant\$3 portion\$3 distribut\$3 allocat\$3) near10 output near10 signals) and (center near5 \$4speaker) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/14 15:49 |
| S23 | 519 | "381"/\$.cls. and ((allot \$3 grant\$3 portion\$3 distribut\$3 allocat\$3) near10 output\$1 near10 \$4speaker\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/14 15:59 |
| S24 | 2 | "381"/\$.cls. and ((reallot \$3 regrant\$3 report\$3 redistribut\$3 reallocat\$3) near10 output\$1 near10 \$4speaker\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/17 09:07 |
| S25 | 1901 | (381/1,17,18).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/22 18:22 |

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|-----|------|-------------------------------|--|----|-----|---------------------|
| S26 | 2839 | (381/102-109).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/22 18:22 |
| S27 | 3637 | (381/56-59,300-310). CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/04/22 18:25 |

4/ 26/ 2009 9:33:35 PM**C:\ Documents and Settings\ dfaulk\ My Documents\ EAST\ Workspaces\ 10593745a.wsp**